

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for transferring data in a wireless communication system, the method comprising:

transmitting data over a particular channel from a transmitter to a plurality of receivers;

~~receiving the particular channel at the plurality of receivers;~~

~~each of the receivers sending~~ receiving power control information to the transmitter from each of the receivers based on a measured reception quality and a reception quality requirements of each receiver;

~~the transmitter using the power control information from each receiver and~~ adjusting a transmission power level of the particular channel so that when a single receiver out of the plurality of receivers requires an increase in the transmission power level to meet that receiver's reception quality requirement, the transmission power level is increased and when all receivers ~~sending control information~~ exceed their quality requirement, the transmission power of the transmitter level is decreased.

2. (Original) The method of claim 1 wherein the particular channel is a shared channel.

3. (Original) The method of claim 1 wherein the particular channel is a high speed shared channel.

4. (Currently Amended) The method of claim 1 wherein the power control information ~~sent by each receiver is received~~ includes transmit power control commands.

5. (Original) The method of claim 1 wherein the measured reception quality is a signal to interference ratio and the receiver quality requirement is a target signal to interference ratio.

6. (Original) The method of claim 1 wherein the measured reception quality is a reception quality of the particular channel.

7. (Original) The method of claim 1 wherein for at least one of the receivers, the particular channel has an associated dedicated channel and the measured reception quality is of the associated dedicated channel.

8. (Original) The method of claim 1 wherein for each of the receivers, the particular channel has an associated dedicated channel and the measured reception quality is of the associated dedicated channel.

9. (Currently Amended) A base station for transferring data over a particular channel to multiple users, the base station comprising:

 a transmitter and an antenna for producing a particular channel for transmission to a plurality of users simultaneously;

 a power control receiver for receiving power control information from each of the users; and

 a transmit power control device for using the power control information from each of the plurality of users and adjusting a transmission power level of an amplifier of the particular channel so that when a single user out of the plurality of users requires an increase in the transmission power level, the transmission power level is increased and when all users ~~sending control information~~ exceed their quality requirement, the transmission power of the transmitter level is decreased.

10. (Original) The base station of claim 9 wherein the particular channel is a shared channel.

11. (Original) The base station of claim 9 wherein the particular channel is a high speed shared channel.

12. (Currently Amended) The base station of claim 9 wherein the power control information received from each user ~~is~~ includes transmit power control commands.

13. (Original) The base station of claim 9 wherein the base station establishes for each user a dedicated channel associated with the particular channel.

14. (Original) The base station of claim 9 wherein the base station has for at least one of the users a dedicated channel associated with the particular channel.

15. (Currently Amended) A base station for transferring data over a particular channel to multiple users, the base station comprising:

~~means for producing~~ circuitry configured to produce a particular channel for transmission to a plurality of users simultaneously;

~~means for receiving~~ circuitry configured to receive power control information from each of the users; and

~~means for using~~ circuitry configured to use the power control information from each of the plurality of users and adjusting a transmission power level of an amplifier of the particular channel so that when a single user out of the plurality of users requires an increase in the transmission power level, the transmission power level is increased and when all users ~~sending control information~~ exceed their quality requirement, the transmission power of the transmitter level is decreased.

16. (Original) The base station of claim 15 wherein the particular channel is a shared channel.

17. (Original) The base station of claim 15 wherein the particular channel is a high speed shared channel.

18. (Original) The base station of claim 15 wherein the power control information received from each user ~~is~~ includes transmit power control commands.

19. (Original) The base station of claim 15 wherein the base station establishes for each user a dedicated channel associated with the particular channel.

20. (Original) The base station of claim 15 wherein the base station has for at least one of the users a dedicated channel associated with the particular channel.

21. (Currently Amended) A wireless transmit/receive unit for receiving data over a particular channel, the wireless transmit/receive unit comprising:

a receiver for receiving the particular channel, the particular channel being received by a plurality of wireless transmit/receive units simultaneously;

a power control information generator for sending power control information based on a measured reception quality and a reception quality requirement[[s]] of the wireless transmit/receive unit; and

wherein the particular channel has a transmission power level set so that when a single wireless transmit/receive unit out of the plurality of wireless

transmit/receive units requires an increase in the transmission power level to meet that reception quality requirement, the transmission power level is increased and when all of the plurality of wireless transmit/receive units sending control information exceed their quality requirement, the transmission power of the transmitter level is decreased.

22. (Previously Presented) The wireless transmit/receive unit of claim 21 wherein the measured reception quality is a signal to interference ratio and the reception quality requirement is a target signal to interference ratio.

23. (Previously Presented) The wireless transmit/receive unit of claim 21 wherein the measured reception quality is a reception quality of the particular channel.

24. (Previously Presented) The wireless transmit/receive unit of claim 21 further comprising a dedicated channel receiver and wherein the measured reception quality is of the dedicated channel.

25. (Currently Amended) A wireless transmit/receive unit for receiving data over a particular channel, the wireless transmit/receive unit comprising:

~~means for receiving~~ circuitry configured to receive the particular channel, the particular channel being received by a plurality of wireless transmit/receive units simultaneously;

~~means for sending~~ circuitry configured to send power control information based on a measured reception quality and a reception quality requirement[[s]] of the wireless transmit/receive unit; and

wherein the particular channel has a transmission power level set so that when a single receiver out of the plurality of wireless transmit/receive units requires an increase in the transmission power level to meet that reception quality requirement, the transmission power level is increased and when all of the plurality of wireless transmit/receive unit sending control information exceed their quality requirement, the transmission power of the transmitter level is decreased.

26. (Previously Presented) The wireless transmit/receive unit of claim 25 wherein the measured reception quality is a signal to interference ratio and the reception quality requirement is a target signal to interference ratio.

27. (Previously Presented) The wireless transmit/receive unit of claim 25 wherein the measured reception quality is a reception quality of the particular channel.

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28. (Currently Amended) The wireless transmit/receive unit of claim 25 further comprising ~~means for receiving~~ circuitry configured to receive a dedicated channel and wherein the measured reception quality is of the dedicated channel.